

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [6388] 10 meter 'test
Message-ID: <199612140419.XAA58173@nss2.CC.Lehigh.EDU>

Gang,

Anyone working the ten meter contest ?? How's it going for you ?? Here in Idaho it is pretty slow, have only made three contacts so far, N6KE, N0ZA and KC7V. CA, CO and AZ. Oh well maybe it will pick up tomorrow !! Band is real strange , sigs are there one second and gone the next !! Kinda challenging though, have to be quick on the key ! Am having a blast with my new BY-2 Bencher !! Thanks for the BW, and good luck in the test !

73,
Steve
KA7NOC (Southern Idaho)
Production Manager
Hurst Racing Tires\
"Makers of the Hurst Trakmaster"

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [6410] 10 meter 'test
Message-ID: <19961214205403086.AAA135@slip20.ts-f-merrill.caps.maine.edu>

Ten is quiet here in Maine. No one heard no one worked.

Ant is 5/8 wave vertical uup about ten to 15 ft

Just a quiet as the fox hunts :-)

God Bless
Joel

WA5CVM
Joel Denison
81 High street 40 mtr dipole up 40ft
Farmington, Maine 04938 QRP ARCI 4066 NEW ENGLAND QRP 467 QRP-L 765
jdenison@aisp.net

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: k7yha@juno.com (Richard H. Arland)

Subject: [6408] 10 Test

Message-ID: <19961214.190614.4407.1.k7yha@juno.com>

Gang:

Don't know about ya'all, but times is tuff up here in NE PA! Wrkd only 9 Qs so far and had to fight hard to get them. Prop seems to be really down.

Now the good news: Got the Wilderness Radio "Buzz Not" noise blanker installed in my Sierra and it works great. Have some intermittent pulse noise here and it definately takes it out. Good job, Wayne!

72/73 rich K7SZ

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996

From: Byron8LCZ@aol.com

Subject: [6415] 10m test

Message-ID: <961214173532_1720046314@emout08.mail.aol.com>

Hi Gang,

Yes indeed, 10m prop just isnt working, ever with a solar flux of 82. Worked 7 Mi from 0000z to 0120z fri nite, then 6 Fl and 1 Ga, at 1620z to 1710z sat. For 14 total Q's so far. Had at least 4 stations that I called a dozen times, even heard one Ca sta, none of them, could hear me. I'm running 5 watts and Gap vertical.

Hopefully things will pick up this evening. I'm running cw around 28.020 to 050

72, Byron WA8LCZ Detroit

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996

From: Jeff Casey <WB5GWB@sprynet.com>

Subject: [6400] 40A mods?+It works! It works!!

Message-ID: <199612141557.HAA16261@m7.sprynet.com>

Gang,

Where can I find info on mods for the Wilderness Radio NorCal 40A? Which mods do you recommend, etc?

Thanks in advance. Now the background that gives rise to my question:

I didn't pick up a soldering iron from 1978 to 1996. In 78 I knew enough about electronics and homebrewing to achieve certifiable Nerd status, but all that knowledge has long since decayed from my long-term memory. (To my credit, I'm still "certifiable," although for slightly different reasons :-)

Upon getting back into hamming, I thought that, in this age of high tech, trying to build my own transceiver would make about as much sense as trying to write my own word processing software. In assembly language. :-) Then, when the June 1996 QST article reviewing several QRP kits came out, the QRP/kit building bug started nibbling at my toes. A short time later, I subscribed to QRP-L, which, as you know, inevitably leads to an endless spiral of building/operating/modifying/operating/building...

With some trepidation, I ordered a 40A. I figured I'd have great difficulty troubleshooting it and getting it (or any kit) to work, and that there was a significant chance I'd end up having to swallow my pride and send it back for Bob Dyer to fix. Well, I took my time, followed all the advice in Wayne's incredibly well done manual, and the suggestions from various QRP-L posts and, GUESS WHAT! The rig worked perfectly on the first power-up!! Unbelievable!!! Totally wild!!!!

I'm tellin' ya, them foxes had better lay low!! (That is, if the rest of you have left me any :-)

Happy Holidays & 72,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS LIQRP QRP-L

Ob-Shameless Plug: "Contact me for info on the Long Island QRP Club.
No dues, No officers, No boring lectures, Just QRP Fun!"

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [6398] Antennas from the ground up
Message-ID: <Pine.SOL.3.94.961214064429.1633E-100000@utkux4.utcc.utk.edu>

A couple of folks have asked me the question, so I suppose a general answer might be in order.

Low Down, the bi-monthly publication of the Colorado QRP Club, has asked me to start a series of short articles on antennas. Since I have added some drawing and "painting" software to the computer here, I can supply them with camera-ready copy that includes antenna patterns, graphs, and

sketches. So I said yes, and will emphasize lower HF wire antenna concerns. (The series I do for 10-10 News tends to emphasize upper HF concerns.) The chief advantage of putting on paper some of the info I have accumulated--in large measure as a result of questions appearing on this list--is that I can add graphics to clarify data that can be confusing when expressed in words only, as must be the case with e-mail.

The other reason I said yes was the company it puts me in. Paul Harden has been doing a series on circuitry for Low Down, and he is a model of clarity and technical accuracy that all writers might emulate. Low Down also has numerous other fine articles.

Among the topics I have in the works are a series that provide basic radiation patterns for some of the common multiband antennas we tend to use. I also plan some data on off-center-fed antennas--some call them Windoms. We shall also look at ideas on transmission lines, ATUs, noise, and the like. I'll be trying to put in something for both the newcomer and the experienced ham in every episode.

First person to use the term "guru" ends the series--I do not know everything about antennas--in fact only a little bit. I just happen to have some tools at hand that help me fill some gaps left by most of the received antenna wisdom that floats around amateur radio--and I enjoy learning what is in those gaps and passing along what I learn as I go. So you may even encounter errors along the way--I'd like to hear about them as soon as they are detected.

Hope that answers the questions. Contact Rich High, WOHEP, (CQC@aol.com) for information on the club and its activities.

Incidentally, the topic for episode #2 (next issue) is "The incredible, inedible dipole."

-73-

LB, W4RNL
CQC #125

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: ccashion@spdmail.spd.dsccc.com (Charles Cashion)
Subject: [6403] Communications Quarterly
Message-ID: <199612141714.LAA27934@spd.dsccc.com>

Guys,

A couple of people have sent private email requesting info regarding subscriptions to Communications Quarterly. On the subscription card of the Fall 1996 issue is the telephone number 1-800-853-9797.

For those outside of the eight-hundred calling area, the address is
76 North Broadway
Hicksville NY 11801-9962

If you pick up the current issue, and use the enclosed card, the rates are \$29.95 for one year, \$56.95 for two years.

OBTW: This magazine is a quarterly.

Merry Christmas,
Charles Cashion
W5ISZ, Plano (Dallas is our largest suburb) Texas

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Gary Nye" <gcnye@brutus.bright.net>
Subject: [6389] e-mail address
Message-ID: <199612140527.FAA18746@mail.bright.net>

Jim E.

I need to make sure that the list has my e-mail address as:

gcnye@bright.net or gcnye@mail.bright.net

NOT - gcnye@brutus.bright.net

They are changing the name of our server as of the 17th. I would really hate to miss any thing from this list.

Thanks

=====
Gary Nye WD8KQY gcnye@bright.net
Tiffin, OH
QRP-ARCI #5705 QRP-L #446 NORCAL #???
=====

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: camqrp@cyberg8t.com (Cam Hartford)
Subject: [6390] Fox - Thursday Night

Message-ID: <199612140547.VAA15339@key.cyberg8t.com>

Guys and Gals-

Many, many thanks to all of you who pressed your ears to the speaker in search of this little fox. The band turned out to be in fairly decent shape, but only in an East-West direction. Strangely, no Qs to WA or OR, which are usually fairly easy hops from SoCal.

QRN was as low as I can recall, and the local noisemaker took the night off.

A very enjoyable time on this end. You all kept me busy for the whole two hours. The longest gap between QSOs came when I realized I was running out of log paper and had to fire up the computer and print out another sheet. I had no idea there'd be so many of you!

Equipment was a Corsair II at 4.5 Watts, with 500/250 Hz filters, audio and notch filters and Passband tuning. All those goodies really helped pull the weak ones through. Antennas were a rotatable dipole @ 32' (driven element of a Cushcraft A-4) and a 30 Meter dipole at 50', fed with 450 ohm ladder line. I used whichever one was louder at the moment.

Fox Log of N6GA, Friday December 13, 1996 0300 - 0500Z

Time	Call	RST	RST sent	State rcvd	Name	# or PWR
0302	N9HH	569	559	IL	Bill	824
03	K6VNX		569	539	CA Arlen	5W
04	W5TFB		569	569	TX Jack	282
04	N6MM	559	579	CA	Harvey	318
06	VE3JC		549	539	ON John	744
08	KJ5VW		559	559	TX Gary	227
10	AE4IC		559	569	NC Bob	54
11	K5WW		559	569	OK Glen	21
12	KK5RO		569	559	OK Vernon	325
14	AB5UA		559	529	OK Cliff	478
15	K5JHP		569	569	TX Bill	825
16	KA5T	579	559	TX	Larry	89
17	N4IM		579	449	TX Cole	737
19	N5LU		579	579	OK Bill	5W
21	W6SU	429	229	CA	John	48
23	W1HUE		559	539	ID Larry	228
26	AA2WJ		549	449	TX Dick	5W
27	WA9PWP		449	359	WI Paul	127
29	NQ7X	559	339	AZ	Floyd	343
30	K5ID	559	449	AR	Ken	652
31	W8DN	549	549	OH	Mike	575
33	KC40	449	329	KY	Roy	322

34	W8LRM	449	449	MI	AL	246	
36	AA1MY	449	339	CT	Seab		570
39	N6XU	579	559	CA	Stan	66	
40	K3QH0	559	559	DEL	Jim	817	
45	K50N	559	559	NM	Gary	770	
47	KB9IUA	449	339	IL	Kevin	384	
49	W6ZH	579	579	CA	Pete	257	
52	K4PQC	449	449	GA	Phil		4W
55	WJ7H	449	449	UT	Wayne	481	
57	W9DZ	549	449	IL	Allen	112	
59	W5FN	579	559	TX	Tim	586	
0401	K10J	579	559	TX	OJ	32	
04	N5JKY	549	559	OK	Mike	300	
07	KD0SU	449	539	CO	Rick		539
09	WA7NAE	449	449	CA	Dwight	5W	
11	KI0G	449	449	CO	Bob	239	
13	K0EVZ	559	549	MN	Doc	861	
14	AA0XI	579	559	CO	Marshall	153	
15	AB5ST	569	559	UT	Bob	129	
20	NN9K	339	449	IA	Peter	5	
21	WJ4P	559	559	SC	Randy	296	
22	W6BAB/M	579	579	CA	Harvey	5W	
24	NI0A	569	549	MN	John		689
25	AC8W	449	559	MI	Stan	4W	
28	WB9LKC	449	229	WI	Ray	8	
31	N7GS	449	449	MT	Mal	815	
34	KC7NEV	559	449	AZ	Joe	191	
38	KE4YH	449	549	FL	Stew	590	
41	AC5II	449	229	OK	Don	264	
49	AB7TK	229	349	ID	Randy		192
51	K1MG	339	229	CA	Mike	614	
53	AB0CD	339	449	CO	Dick		483
57	KK7BD	579	589	AZ	Dan	696	
0459	N6WG	339	339	CA	Bob	27	

56 Qs, 24 S/P/Cs. Thanks again to all the skilled hunters who made it an enjoyable evening!

72/73,

Cam N6GA

PS to Chuck - Any boo boos are typing errors. Can't read my own writing.

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Dan Puckett <dpuckett@erinet.com>
Subject: [6383] HAMVENTION
Message-ID: <32B216A2.3734@erinet.com>

Thats right folks. Hamvention.

I got my flyer for 1997 HamVention today. They have a new web site. The address is: <http://www.hamvention.org>.

Of intrest to the FDIM and Banquet folks; one of the bits of info in the flyer is an address to register "unofficial" HamVention activities. They say they will list such activites on their site and in the program. The address is: info@hamvention.org.

See ya in May,

Dan, WD8AAU
dpuckett@erinet.com

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [6422] Jan 97, Table of Contents
Message-ID: <Pine.SUN.3.90.961214145845.7181A-100000@vortex.sage.dri.edu>

Hi All,

The January, 1997, issue of the QRP Quarterly is about to go to the mailer. I thought I 'd let you see what's in it.

Technical

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- 18 The QRP Workbench *****Check out the first of a new series!*****
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By Michael A. Czuhajewski, WA8MCQ
- 29 The "38 Special" NorCal Design Contest Winner
By Ori Mizrahi-Shalom, AC6AN
- 32 Mint Tin Rainbow SWR Bridge and Tuner: NorCal Design Contest Winner
By Joe Everhart, N2CX

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By Larry East, W1HUE

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By Don Shipman, W3RDF

28 White Mountain SSB Kit

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By Bruce Muscolino, W6TOY/3

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By Ron Stark, KU7Y

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By Byron Johnson, WA8LCZ

Enjoy the holidays and cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [6407] Loop Antenna Question
Message-ID: <199612141825.MAA04161@shell.dialnet.net>

I need some help please.

I talked to a guy on 40 meters last weekend and he was running a square vertical loop that was 244 ft.
He fed it in the bottom corner with a "remote" 4:1 balun, then RG8x to the shack. He claimed that he had a reasonable low SWR on most bands - 80-10 and it worked real well on 20. When I did the usual $1005/\text{freq}$ formula for 3.5 MHZ I come up with a much longer length. Did I misunderstand? Did I dream this?

I have lines hanging up about 60 ft in 2 oak trees about 110 feet apart ready to pull up a wire antenna.
The antenna would be broadside E-W. Looking a decent antenna on bands 10-80. Any other suggestions?

Thanks again for all you do.

Kelly Ellison - WB0WQS
Aurora, Missouri
kelman@dialnet.net

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [6391] lowfer kits
Message-ID: <199612140553.AAA11919@smtp1.erols.com>

Good Evening Everyone!

I remember reading about a lowfer kit in QST a year or so ago.
Does anyone remember this one? The article was about the kit and a simple antenna that would work with it.
Does the kit manufacturer still exist?
I will gladly pay for a copy of this article and postage to anyone who can send it to me.
Thank you very much for the bandwidth.
72, Scott

Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, AR-QRP 27

Scott Bauer W3CV (formerly KE3NV, N3RQU) QRP nut, SWL

CW Operators QRP Club # 484 (Australia) Grid FM-19, Odenton, MD

ARRL, ARRL, ARRL, ARRL, scQRPions 38, CQC 352, ARRL, ARRL, ARRL, ARRL

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Ken Freedman <n1qqv@cshore.com>
Subject: [6385] Magic
Message-ID: <2.2.32.19961214023129.006af1a4@cshore.com>

But remember that no antenna can do magic.

-73-

LB, W4RNL

Well said, LB. In physics, there's no such thing as a free lunch!

73, Ken
Ken Freedman
AKA: N1QQV/QRP VE, EC Madison CT
Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: RRRRAV@aol.com
Subject: [6393] MFJ 9420
Message-ID: <961214053225_1355305767@emout18.mail.aol.com>

Hi There. My first attempt at sending to the list so very much a newbie. I am thinking of getting an MFJ 9420 SSB rig as a simple holiday rig. Have read the QST review which was very favourable but note no finals protection although MFJ say "bulletproof" for the output transistors. I wonder if any user could comment on their

impressions of the radio. I know it is a bit over the true QRP level but
assume it can
be throttled back. If you think the comments would not be of general interest
to the
group, I have added my E-mail address.
Enjoying reading the mail, just as well I am retired....like they say wonder
how I used
to fit in time for work!!
Christmas Greetings from over the pond.
73/72 Ron G4CFW G-QRP#113 AMSAT U.K.2506 BARTG#1937
E-mail rrrav@aol.com

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: NJBIRDMAN <jsielke@pobox.com>
Subject: [6411] QRP Plus
Message-ID: <v03007800aed8b873f5b6@[206.106.174.44]>

Anyone have any first-hand experience on the "QRP Plus" transciever from
Index Inc? I have seen the ads in QST, and it looks very impressive,
although expensive. Just curious for now.

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John L. Sielke jsielke@pobox.com
n4js@n4js.ampr.org QRP-L #884 NJ Grid:FM29
<http://www.pobox.com/~jsielke>

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [6392] QST Text files
Message-ID: <19961214.035813.6967.14.n4so@juno.com>

You can use your e-mail capability and tap into the ARRL
Technical Information Server, otherwise known as the "Info server". To
have user instructions and a handy index
sent to you automatically, simply address an e-mail message to:
info@arrl.org
In the body of your message enter:

HELP
SEND INDEX
QUIT

The Info Server contains QST Indexes starting at 1989 thru 1995. The filenames use the format of:
QST_IND.X.89

The above file contains an Index of QST articles for 1989. If I were looking for a particular article, I could use the "Search" feature of one of several programs to find a Text string. For example, LIST.COM will do a search by hitting the backslash key and entering in a word or text string. If I were looking for LOWFER, a search of the Index for 1994 would produce a "hit" and the following would be highlighted:

"Build Your Own Lowfer Transceiver" Curry Apr p. 26
Questions concerning the Info Server may go to
mtracy@arrl.org

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [6396] Search feature
Message-ID: <19961214.055001.6967.21.n4so@juno.com>

So you lost the address for the USA QSL Bureau.
No problem.

Use a program which has a "Search" or "Find" feature.
For example, List.com will do a search of any text file
by hitting the backslash key and typing in a word.

Go to your text files containing QRP-L message files and type \ bureau

The response in 4 seconds is highlighted:

bureau (USA QSL Bureau).....

--which happens to be the text file of a previous QRP-L message.

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Brian Kassel <bkassel@evergreen.com>
Subject: [6401] Skywave Analysis
Message-ID: <32B2E2F0.7865@evergreen.com>

Gang:
With all of the talk lately about sunspots and such, perhaps some of you would be interested in a new Skywave Analysis app that is not a toy, at a killer price:

Communications Analysis Prediction Wizard
<http://www.wtrt.net/~ku5s/>

CAPMan HF Propagation Prediction & System Analysis Software
<http://ourworld.compuserve.com/homepages/KU5S>

Usual disclaimer: I only happen to know the programmer, and have no monetary interest in these products.

--

```
*****
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
* QRP-L #404 - ARCI #3623 *
*****
```

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: NJBIRDMAN <jsielke@pobox.com>
Subject: [6423] Thanks (Re; QRP+)
Message-ID: <v03007801aed8edca5524@[206.106.174.44]>

I got a LOT of responses to my query about the INDEX LABS QRP+. Thanks to all those that responded. I downloaded all the QRP-L archives on the rig. At

least for a change, I'll be an informed shopper ;-)

Let you know when/if I get it.

John
Lehigh Class of '66

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John L. Sielke jsielke@pobox.com
n4js@n4js.ampr.org QRP-L #884 NJ Grid:FM29
<http://www.pobox.com/~jsielke>

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: ccashion@spdmail.spd.dsccc.com (Charles Cashion)
Subject: [6405] Transmission Line Transformers
Message-ID: <199612141733.LAA28213@spd.dsccc.com>

Guys,
I saw recently that the ARRL has given Transmission Line Transformers
by Sevrick to a commercial publisher. I have forgotten where I w
saw this reference.
Merry Christmas,
Charles Cashion
W5ISZ

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: victorj@fast.net
Subject: [6394] US BURO
Message-ID: <m0vYruz-0004EbC@fast.net>

Could some one repost the address for the US qsl buro?
Thanks Vic K3VP

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Ken Newman N2CQ <103464.1355@CompuServe.COM>

Subject: [6404] US QSL Buro

Message-ID: <961214171618_103464.1355_IHI63-1@CompuServe.COM>

Hi All,

I read a post on the list recently from Mark, N2VPK about some activity on the US QSL Bureau.

He is sending replys to the bureau for Fox activities who wants a card without SASE. Most

QRPers send cards w/o SASE and I reply anyway. QRPers are a closer group so I'm happy to

have them and glad to reply.

What about using the bureau? Do any of the QRP-L subscribers ever use the bureau except

Mark? In the QRP Afield test, I have 27 QSOs with QRP-L subscribers I'd like to QSL, including

Mark. The cost in the US QSL Bureau (not the ARRL one) would be \$1.35. If I used direct mail,

it would cost \$8.64 or with SASE \$17.28. Thats pretty close to a Rainbow Tuner's price.

I think this could be a QRPers dream for QSLing. What do you think, Group?

I am going to try the buro for the 27 QRP-L QSOs (you know who you are!).

PSE QSL!

US Bureau Info:

E-mail: USBURO@aol.com

WWW: <http://members.aol.com/USBURO/index.htm>

Ken Newman, N2CQ

QRP-L #399

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996

From: victorj@fast.net

Subject: [6412] USBURO

Message-ID: <m0vZ1YB-0004HKC@fast.net>

Thanks for all the replies.

Vic K3VP

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996

From: PaulKB8N@aol.com

Subject: [6419] W5QJM Norcal 40 FS
Message-ID: <961214180050_1686496606@emout20.mail.aol.com>

Gang,

Famed QRPer Fred Bonavita, W5QJM, asked me to post his Norcal 40 for sale.
He personally built this rig, and it includes a nice 12V power supply.
Price is \$75, shipped lower 48.

You can call Fred anytime this weekend, or any evening after 6 PM CST next week, or send me an E-Mail with your phone # and I'll have him call you. His phone # is (210) 868-1368.

Thanks and 72, Paul KB8N

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Joel Malman <malman@BBN.COM>
Subject: [6406] Re: 10 meter 'test
Message-ID: <199612141821.NAA240276@nss2.CC.Lehigh.EDU>

Steve,

> Anyone working the ten meter contest ?? How's it going for you ??
> in Idaho it is pretty slow ...

It's not much better here in MA ... Last night it was one MA after another, with a few NH's and RI's in the mix. All local stuff.

This morning at about 1600z the sky opened up a bit to South America and a batch of LU's came rolling in. That was fun. Then the band when back to sleep except for the TX I managed to work.

Oh well, I'll check again in a bit, but I expect slim pick'ens for the QRPer. The QRO boys seem to be having a pretty good time...

/joel wa1qvm (concord, ma)

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: [6414] Re: 10 meter 'test
Message-ID: <19961214.215215.4407.2.k7yha@juno.com>

Gang:

Was up there for another 1.5 hours and worked NOBODY! (AND I have a TH7DX @ 52 feet!) I am hearing stations, but most are very weak, and those that are relatively strong (both of them...) can't seem to hear me. Had a nice run of LUs but, again, no joy from this end.

Sigh....gonna be one of THEM kind of contests!

73 rich K7SZ

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [6418] Re: 10 Test
Message-ID: <Pine.SUN.3.91-FP.961214175654.8382A-100000@cap1.capaccess.org>

I gave a few MD 10m testers the thrill of working me here in WDC, but that's about all I heard.

Regards, N3FRT
Robert D. Haslach
Bye

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Art Searle <w2nra@netusa.net>
Subject: [6417] Re: 40A mods?+It works! It works!!
Message-ID: <32B32FEE.85B@netusa.net>

Jeff Casey wrote:

> I didn't pick up a soldering iron from 1978 to 1996. . . .
>
> With some trepidation, I ordered a 40A. I figured I'd have great difficulty
> troubleshooting it and getting it (or any kit) to work, and that there was a
> significant chance I'd end up having to swallow my pride and send it back for
> Bob Dyer to fix. Well, I took my time, followed all the advice in Wayne's
> incredibly well done manual, and the suggestions from various QRP-L posts and,
> GUESS WHAT! The rig worked perfectly on the first power-up!! Unbelievable!!!
> Totally wild!!!!

Hi Jeff

They are great kits. I have the same experience this past summer. I
sure I am

less experienced than you when it comes to electronics but my 40A
suprisingly
worked too. In fact seeing that Sierra at the first meeting of the LI
QRP Club
gave me enough additional confidence that I order one with the works.
Where am
I going to find the time?

> Ob-Shameless Plug: "Contact me for info on the Long Island QRP Club.
> No dues, No officers, No boring lectures, Just QRP Fun!"

Yea, sounds like a great group!

72, de Art

--

Art Searle, W2NRA [ex WU2K], ARRL Life Member, QRP-L #524
QRP ARCI #9123, DXCC MX & CW HR, NRA Benefactor Life Member
NRA Certified Firearms Instructor, Fight for your rights!
Join the NRA now! <http://www.nra.org/membership/membrapp.html>

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [6384] Re: Antenna tuner testing
Message-ID: <199612140205.VAA01638@mh004.infi.net>

Hi Doug,
At 01:52 PM 12/13/96 -0800, you wrote:
>You know, it occurs to me, that if someone wanted to become another
>QRP-L Hero, they could use the articles by AI1H in the April and June
>1995 QST's to evaluate, and report in a standardized format, on the
>capabilities and efficiencies of various antenna tuners.

Ta-Daaaaaaa!! *Glint* That flash of light you just saw was reflection from
my shining armor!!

I'm right in the middle of doing just that.

I'm working with the Z-Match tuner from EMTECH, the St. Louis tuner and an
MFJ949e for starters.

What is not evident from Frank Witts articles is that the testing process is
very time consuming. In order to properly check a tuner for an unbalanced
line, it must be tuned 99 times to an accurate frequency (only 88 if it
doesn't cover 160M), 4 separate measurements are taken at each tuned spot,
and three rather complex calculations must be made for each tune.

(programmable calculator makes this easier) Then do it all over again for the balanced condition. All of this data is recorded, then summarized on a separate chart.

Frank sells his data sheets, and now I understand why. I don't even start tuner evaluation unless I have at least 2 hours that I know will be free of interruptions.

Then, of course, in my case, there is the learning curve. I took a bunch of data on one tuner, then discovered that one of the cables I was using was lossy, because I'd just grabbed one that had a coax adapter on it.

At some point, I'll be ready to publish some data on QRP tuners, but I don't intend to do that until I can be sure that my data is accurate and repeatable.

I have learned a few things so far:

The tuner that matches a wide range of SWR on all bands is rare indeed. Not only that, but tuner losses of 30% to 50% are common under certain conditions - which are **not** evident to the user.

Conditions for making the tuner checks must be monitored very carefully. Cables, connections and the positions of the equipment must be consistent. Hand capacitance can change SWR from 1.0:1 to 1.25:1, so inconsistent test methods may introduce 25% error or more.

Cable adapters can introduce 5% to 10% signal loss.

If at all possible, don't use a tuner for QRP unless you know it's efficient with the antenna and band you wish to use.

Stay tuned. (hee hee) (sorry) Will report when I have something to say. In the meantime, I'd like to check another commercial tuner or two, If someone would recommend a popular one.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: PaulKB8N@aol.com
Subject: [6409] Re: Antenna tuner testing
Message-ID: <961214141456_775948108@emout04.mail.aol.com>

Doug,

Couldn't agree more! It is easy to come up with a circuit that tunes a wide range of impedences, but its another story to find a circuit that does it efficiently! I did some very rough testing, using RF ammeters, and stationary FS meters. It was very obvious from that simple exercise that there are huge differences in efficiency between various tuner designs.

If a company wanted to gain some credibility within technical circles, they would publish the efficiency ratings of their tuners across the entire range of possible impedences. Ditto for balun manufacturers. Until then, I'll roll my own!

72, Paul KB8N

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "KF4MZD (John Kemker)" <kemkerj@xyzzzy.net>
Subject: [6387] Re: FS: TenTec Scout
Message-ID: <9612140258.AA01464@ponyxprs.atlanta.med.va.gov>

A few of you have recently replied asking about the Scout. It is currently "under contract" and has a waiting list of 6 people. I'm not going to put anyone else on the waiting list until these six folks have had a shot at the rig. If none of them buy it, I'll open it back up by posting again. I apologize to those who wrote asking about it, I would have replied directly, but my email program and Windoze 95 decided they wouldn't cooperate. hi hi

--John K.

=====
73 de KF4MZD (John Kemker)
kemkerj@xyzzzy.net
EM73vt

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [6395] Re: HAMVENTION
Message-ID: <Pine.SOL.3.94.961214061730.1633B-100000@utkux4.utcc.utk.edu>

Dan's message on the HAMVENTION reflects my mailbox also. Please note that the bus service to the hotels/motels will NOT be available in '97. I wonder if some alternative will be available at a reasonable cost from the traditional QRP hotel. Having seen the morass of parking at the site, it is unlikely I would attend the hamvention without such a service. But

then, I feel the same way about shopping malls, especially at this time of year.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [6399] Re: HAMVENTION
Message-ID: <Pine.3.89.9612140853.B11783-01000000@w3eax.umd.edu>

We drove every day; you DO NOT have to take the highway, and in fact, it makes for transporting the QRP boat anchors that much easier.

I will have a car there, as will many others. It's really not that big of a deal, but PLEASE don't pay to park - the Salem mall is just down the street, and the lot was basically empty last year (and free!).

Why no pay to park? They make you park on grass. In Dayton, when it rains it equals MUD. Even a 1 degree incline is like Mt. Everest in such conditions, a fact to which I (and a photo of me, post-rescue) can attest.

ObQRP: Got my FIRST QSL card from a contact with a NorCal 40a!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

On Sat, 14 Dec 1996, L. B. Cebik wrote:

> Dan's message on the HAMVENTION reflects my mailbox also. Please note
> that the bus service to the hotels/motels will NOT be available in '97. I
> wonder if some alternative will be available at a reasonable cost from the
> traditional QRP hotel. Having seen the morass of parking at the site, it
> is unlikely I would attend the hamvention without such a service. But
> then, I feel the same way about shopping malls, especially at this time of
> year.

>

> -73-

>

> LB, W4RNL

>

>
>
>

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Ronald H. Evans" <ronald_evans@pipeline.com>
Subject: [6402] Re: Handbook Prices
Message-ID: <2.2.32.19961214164022.006ae6c4@pop.pipeline.com>

>Just got a 1946 cover price \$1.00. What is that in 1996 \$

>

>..._._

>

>

>

AT THE END OF THE OREGON TRAIL

>

>Arthur Moe ARRL - Life

>A.R.S. KB7WW SMIRK #733

>QTH: Oregon City, Or. QRP ARCI

>kb7ww@aracnet.com QRP-1 #290

>

>

The inflation in all prices since 1946 has been horrendous. I had an early version of Managing your Money that had an inflation calculator built in. It started in 1909. You picked the year, put in the cost, and it would tell you what the cost would be now adjusted for inflation. My Mother had just sold the old family home and thought she had made a lot of money. Using that program I found out she had lost on the deal. I never told her. Anyone know of a program or Excel spreadsheet that will do that now. We could find out what a 1946 handbook would cost in 1996 dollars.

By the way, I bought a 1995 handbook and much prefer the old format.

73, Ron K4KTB in Durham, NC

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [6416] Re: Handbook Prices
Message-ID: <Pine.SUN.3.90.961214144204.7046A-100000@vortex.sage.dri.edu>

On Sat, 14 Dec 1996, Ronald H. Evans wrote:

> By the way, I bought a 1995 handbook and much prefer the old format.

I agree!

I can't remember just which year they changed, but I can never find what I am looking for!

Have never seen an index so useless!

But it's still a good book! I have about a dozen or so and will be getting another one this year! Sure wish they would put a good index back in it..... :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Art Searle <w2nra@netusa.net>
Subject: [6420] Re: Handbook Prices
Message-ID: <32B331A6.5F3F@netusa.net>

Ronald H. Evans wrote:

>Just got a 1946 cover price \$1.00. What is that in 1996 \$

To me, time is important, so I'm springing for the even higher priced CD-Rom version of the Handbook. Have you ever spent an hour looking for some obscure reference you remember reading, you know it's in there somewhere, and you keep looking. The CD solves that problem and saves me time. It's worth it at \$53.95 including shipping!

72, de Art

--

Art Searle, W2NRA [ex WU2K], ARRL Life Member, QRP-L #524
QRP ARCI #9123, DXCC MX & CW HR, NRA Benefactor Life Member
NRA Certified Firearms Instructor, Fight for your rights!
Join the NRA now! <http://www.nra.org/membership/mmbrapp.html>

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: elly@epix.net
Subject: [6413] Re: Hw much pwr out on HW-8?
Message-ID: <Pine.SOL.3.94.961214163418.15505A-100000@peach.epix.net>

Hi Kevin, Just measured my HW-8 output. It varies between 3/4 to 1 watt on different bands. It is 14 years old and has never been retuned. Used 3 different supplies 2 homebrew, 1 a Kenwood PS-30, pretty much same results on all bands.

Hank K3PM ex KE3IK

On Fri, 13 Dec 1996 KFGlynn@aol.com wrote:

> Hi gang,
>
> What kind of output pwr should I be seeing on a Heathkit HW-8? Currently
> only seeing about a watt out. Should it in the 2 watt range out?
>
> Tnx for info.
>
> 72 Kevin N2T0
>

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Ed Tanton <n4xy@avana.net>
Subject: [6386] Re: Magic
Message-ID: <3.0.32.19961213214929.00931d90@tiger.avana.net>

I don't know about that guys... just the idea of my signal going around the world-and vice versa-has always had more than a touch of magic for me.
Season's Greetings.

At 09:31 PM 12/13/96 -0500, Ken Freedman wrote:

> But remember that no antenna can do magic.
>
>-73-
>
>LB, W4RNL
>
>
> Well said, LB. In physics, there's no such thing as a free lunch!
>
>73, Ken
>Ken Freedman

>AKA: N1QQV/QRP VE, EC Madison CT
>Living Proof That, "You don't have to be a blonde to be light headed!"
>
>
>
>
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA URL: Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [6421] Re: MFJ 9420
Message-ID: <199612142304.XAA17344@mail.enterprise.net>

73
Frank G3YCC, G QRP 042
QRP Web Site: <http://homepages.enterprise.net/g3ycc/>

> From: RRRAV@aol.com
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: MFJ 9420
> Date: Saturday, December 14, 1996 10:32 AM
>
> Hi There.My first attempt at sending to the list so very much a newbie.I
am
> thinking
> of getting an MFJ 9420 SSB rig as a simple holiday rig.Have read the QST
> review
> which was very favourable but note no finals protection although MFJ say
> "bulletproof" for the output transistors.I wonder if any user could
comment
> on their
> impressions of the radio.I know it is a bit over the true QRP level but
> assume it can
> be throttled back.If you think the comments would not be of general
interest

> to the
> group,I have added my E-mail address.
> Enjoying reading the mail,just as well I am retired....like they say
wonder
> how I used
> to fit in time for work!!
> Christmas Greetings from over the pond.
> 73/72 Ron G4CFW G-QRP#113 AMSAT U.K.2506 BARTG#1937
> E-mail rrrav@aol.com
>
>
I have a 9420 and have taken it on hols no problem, also have used it /m
fixed that is, and with a home made whip on a mag mount. Took it to EA8 and
used it there and worked up into Scandanavia, EI etc on SSB. Forget CW
unless you want to buy the add-on for it.
Good solid rig, bit old fashioned to look at, but works well. Good RX too
and have had good reports on TX audio, even been told it was better than my
TS850s!
Buy one!
73
Frank G3YCC, G QRP 042
QRP Web Site: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Sat Dec 14 18:00:59 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [6397] Re: The ZEIT by ARCRON
Message-ID: <2.2.32.19961214111127.006dc054@nbn.net>

I use a Win95 app called SocketWatch to update my computer clock -
\$12 worth of shareware that does the same as The Zeit.

It's amazing how far off this computer clock can be. SocketWatch
works in the background updating the computer clock when you
go online.

Check out:

<http://www.locutuscodeware.com/>

While there, pick up WetSock 2.4 and receive weather while online, including
NWS bulletins.

Also get a copy of MoonPhase so you can understand why you, the boss, the
bands, and every list you subscribe to are going bunkers...because of the
full moon.

All are Win95 apps and implant themselves on the taskbar. Good stuff, cheap.

73,
Tom
WA3REY

At 05:41 PM 12/13/96 GMT, you wrote:

>
>Gang,
>
> The Zeit by ARCRON
> A WWV Radio-Controlled Clock
> short review by K5F0
>
>
>FYI: Zeit in German means time.
>
>In the Dec issue of QST, page 124, there is a 2/3 page
>ad for a WWV clock.
>

>So you can do the same thing as the Zeit by buying the
>\$9.95 MFJ clock and listening to WWV aperiodically (you
>do have a receiver for 10MHz?) to check it out.

Tom Bowman, WA3REY <>< Mount Gretna, PA 17064 tbowman@nbn.net